AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph [0037], which begins with "Gray Balance is a situation...", with the following amended paragraph.

[0037] Gray Balance is a situation where Cyan=Magenta=Yellow will produce a neutral grey on some media under some illuminant. This is generally not possible throughout the entire range of CMY. As density increases, after a certain point (breakpoint), it becomes impossible to hold grey. For densities higher than this breakpoint, it is desirable to have each of the C, M, and Y curves to behave smoothly. To realize this situation, a procedure can be implemented that will insure a smooth curve from a given breakpoint to its maximum digital image; e.g., in an 8-bit system, the maximum digital image value is 255. This produces smooth TRCs after the breakpoint and insures that each TRC goes smoothly to its maximum digital image value.

Please replace paragraph [0052], which begins with "The processor causes the display...", with the following amended paragraph.

[0052] The processor causes the display **10** to display one of the sets of TRCs that meet certain predetermined parameters so as to find the best fitting TRC. This selection is further enhanced by having the user select the screen type of the print target by using the Screen Type button before selecting a Display button. Once the Display button is selected, an image of the candidate set of TRCs for the selected screen type is displayed.

Please replace paragraph [0053], which begins with "The user can also...", with the following amended paragraph.

[0053] The user can also browse through previously stored versions of TRCs (i.e., existing TRCs) for the specified medium type, which are stored in the controller and classified according to halftone screens, by inputting a different screen type and re-engaging the Display button. As discussed above, the candidate sets of TRCs that

were calculated by the processor will be available as existing TRCs in future calibration processes.

Please replace paragraph [0061], which begins with "As discussed above, TRCs are media...", with the following amended paragraph.

[0061] As discussed above, TRCs are media dependent, and thus, it is undesirable to apply the same TRC over different media types wherein the job being printed may include the printing of images on different media types. In another embodiment of the present invention, the user may designate different media types within a single job and have the appropriate TRC(s) applied for that media type.

Please replace paragraph [0062], which begins with "FIG. 6 illustrates a method...", with the following amended paragraph.

[0062] **FIG. 6** illustrates a method that contemplates this desired result. As shown in **FIG. 6**, a calibration process, as discussed above, is used in Step **S1** to capture the characteristics of a media type or media/halftone combination and produce an appropriate TRC. These TRCs are stored in memory at Step **S2**.

Please replace paragraph [0064], which begins with "In this embodiment, a media type to be used...", with the following amended paragraph.

[0064] In this embodiment, a media type to be used in printing the image data is determined so that a calibrated tone-reproduction curve can be selected based on the determined media type from a plurality of calibrated tone-reproduction curves, each calibrated tone-reproduction curve corresponding to a distinct media type. The selected calibrated tone-reproduction curve is then used to print the image data. The calibrated tone-reproduction curve can also be selected based on the determined media type and determined halftone type.

Please replace paragraph [0066], which begins with "FIG. 10, illustrates an embodiment...", with the following amended paragraph.

[0066] **FIG. 10** illustrates an embodiment which enables the user to assign media types to certain pages within a job. In **FIG. 10**, the plurality of available media types are displayed on display **10** in a plurality of windows **11**, **12**, and **13**, each window being associated with a particular media type. The user may select either a media type for all of the job or just certain selected pages of the job in input boxes **14**, **15**, and **16**. If the "selected pages" button is activated, one of the input boxes **14**, **15**, or **16** is activated for input. If the user inputs less than all pages in the job, upon selection of the next "selected pages" button, the associated input box is automatically filled with the remaining non-selected pages for the user.

Please replace paragraph [0069], which begins with "FIG. 9 shows another block diagram...", with the following amended paragraph.

[0069] **FIG. 9** shows a block diagram of another embodiment of the present invention. In **FIG. 9**, a reference media/halftone combination TRC **20** along with all the predetermined relationships from a relationship circuit is input to an updating algorithm circuit **50**. The algorithm circuit **50** uses the reference media/halftone combination TRC **20** and the predetermined relationships to generate data to correct the existing TRCs in TRC circuit **60**, thereby updating all existing TRCs using a single calibration TRC.